

Title (en)
BLADE TENSIONER WITH SPRING RETAINING FEATURES

Title (de)
BLATTSPANNER MIT FEDERHALTEMECHANISMUS

Title (fr)
TENDEUR DE LAME DOTÉ D'ÉLÉMENTS DE RETENUE DE RESSORT

Publication
EP 2603717 A1 20130619 (EN)

Application
EP 11749045 A 20110808

Priority

- US 37208810 P 20100809
- US 2011046980 W 20110808

Abstract (en)
[origin: US2012035010A1] A chain tensioner blade assembly shoe includes a first spring-receiving slot and a second spring-receiving slot. The first spring-receiving slot includes: (i) a first lower wall; (ii) a first outer wall; (iii) a first locking tab located adjacent the rear face of the shoe. The second spring-receiving slot includes: (i) a second lower wall; (ii) a second outer wall; (iii) a second locking tab located adjacent the rear face of the shoe. The first and second locking tabs extend only partially toward and are spaced from the inner surface of the shoe central portion. A spring is located in a spring-receiving region and includes a first end located in the first spring-receiving slot between the first outer wall and the first locking tab, a second end located in the second spring-receiving slot between the second outer wall and the second locking tab, and a central portion in contact with the inner surface of the shoe central portion. The first and second locking tabs maintain a stand-off distance between the spring and a bracket on which the shoe is mounted.

IPC 8 full level
F16H 7/08 (2006.01)

CPC (source: EP US)
F16H 7/08 (2013.01 - EP US); **F16H 7/18** (2013.01 - EP US); **F16H 2007/0804** (2013.01 - EP US); **F16H 2007/0872** (2013.01 - EP US)

Citation (search report)
See references of WO 2012021463A1

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US 2012035010 A1 20120209; **US 8715122 B2 20140506**; CN 103154571 A 20130612; CN 103154571 B 20160323; EP 2603717 A1 20130619; EP 2603717 B1 20150211; JP 2013533448 A 20130822; JP 5813113 B2 20151117; WO 2012021463 A1 20120216

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